



## SEQUENCE LISTING

<110> HOSTETTER, Margaret K.  
DEVORE-CARTER, Denise

<120> ANTIBODIES TO THE PROPEPTIDE OF CANDIDA ALBICANS

<130> P07274US02/BAS

<140> US 09/964,858

<141> 2001-09-28

<150> US 60/237,082

<151> 2000-09-28

<160> 13

<170> PatentIn version 3.1

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<211> 1664

<212> PRT

<213> Candida albicans

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Thr Lys Pro Leu Asn Phe Pro Arg Thr Asn Ser Lys Pro Ser Leu Asp  
35 40 45

Pro Asn Ser Ser Ser Asp Thr Tyr Thr Ser Glu Gln Asp Gln Glu Lys  
50 55 60

Gly Lys Glu Glu Lys Lys Asp Thr Ala Phe Gln Thr Ser Phe Asp Arg  
65 70 75 80

Asn Phe Asp Leu Asp Asn Ser Ile Asp Ile Gln Gln Thr Ile Gln His  
85 90 95

Gln Gln Gln Gln Pro Gln Gln Gln Gln Gln Leu Ser Gln Thr Asp Asn  
100 105 110

Asn Leu Ile Asp Glu Phe Ser Phe Gln Thr Pro Met Thr Ser Thr Leu  
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Asp Leu Thr Lys Gln Asn Pro Thr Val Asp Lys Val Asn Glu Asn His  
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Ala Pro Thr Tyr Ile Asn Thr Ser Pro Asn Lys Ser Ile Met Lys Lys  
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Ala Thr Pro Lys Ala Ser Pro Lys Lys Val Ala Phe Thr Val Thr Asn  
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Pro Glu Ile His His Tyr Pro Asp Asn Arg Val Glu Glu Glu Asp Gln  
180 185 190

Ser Gln Gln Lys Glu Asp Ser Val Glu Pro Pro Leu Ile Gln His Gln  
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Trp Lys Asp Pro Ser Gln Phe Asn Tyr Ser Asp Glu Asp Thr Asn Ala  
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Ser Val Pro Pro Thr Pro Pro Leu His Thr Thr Lys Pro Thr Phe Ala  
225 230 235 240

Gln Leu Leu Asn Lys Asn Asn Glu Val Asn Ser Glu Pro Glu Ala Leu  
245 250 255

Thr Asp Met Lys Leu Lys Arg Glu Asn Phe Ser Asn Leu Ser Leu Asp  
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Glu Lys Val Asn Leu Tyr Leu Ser Pro Thr Asn Asn Asn Asn Ser Lys  
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Asn Val Ser Asp Met Asp Ser His Leu Gln Asn Leu Gln Asp Ala Ser  
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Lys Asn Lys Thr Asn Glu Asn Ile His Asn Leu Ser Phe Ala Leu Lys  
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Ala Pro Lys Asn Asp Ile Glu Asn Pro Leu Asn Ser Leu Thr Asn Ala  
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Asp Ile Ser Leu Arg Ser Ser Gly Ser Ser Gln Ser Ser Leu Gln Ser  
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Leu Arg Asn Asp Asn Arg Val Leu Glu Ser Val Pro Gly Ser Pro Lys  
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Lys Val Asn Pro Gly Leu Ser Leu Asn Asp Gly Ile Lys Gly Phe Ser  
370 375 380

Asp Glu Val Val Glu Ser Leu Leu Pro Arg Asp Leu Ser Arg Asp Lys  
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Leu Glu Thr Thr Lys Glu His Asp Ala Pro Glu His Asn Asn Glu Asn  
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Phe Ile Asp Ala Lys Ser Thr Asn Thr Asn Lys Gly Gln Leu Leu Val  
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Ser Ser Asp Asp His Leu Asp Ser Phe Asp Arg Ser Tyr Asn His Thr  
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Glu Gln Ser Ile Leu Asn Leu Leu Asn Ser Ala Ser Gln Ser Gln Ile  
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Ser Leu Asn Ala Leu Glu Lys Gln Arg Gln Thr Gln Glu Gln Glu Gln  
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Thr Gln Ala Ala Glu Pro Glu Glu Glu Thr Ser Phe Ser Asp Asn Ile  
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Lys Val Lys Gln Glu Pro Lys Ser Asn Leu Glu Phe Val Lys Val Thr  
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Ile Lys Lys Glu Pro Val Ser Ala Thr Glu Ile Lys Ala Pro Lys Arg  
515 520 525

Glu Phe Ser Ser Arg Ile Leu Arg Ile Lys Asn Glu Asp Glu Ile Ala  
530 535 540

Glu Pro Ala Asp Ile His Pro Lys Lys Glu Asn Glu Ala Asn Ser His  
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Val Glu Asp Thr Asp Ala Leu Leu Lys Lys Ala Leu Asn Asp Asp Glu  
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Glu Ser Asp Thr Thr Gln Asn Ser Thr Lys Met Ser Ile Arg Phe His

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Asp Lys Glu Asn Ser Lys Ser Leu Glu Asp Pro Ala Asn Asn Glu Ser		
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Asp Leu Asn Phe Ala Asn Tyr Ser Asn Asn Thr Asn Arg Pro Arg Ser  
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Phe Thr Pro Leu Ser Thr Lys Asn Val Leu Ser Asn Ile Asp Asn Asp  
850 855 860

Pro Asn Val Val Glu Pro Pro Glu Pro Lys Ser Tyr Ala Glu Ile Arg  
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885 890 895

Pro Leu Pro Pro Gln Arg Gln Pro Ser Ser Thr Arg Ser Asn Ser Asn  
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Ser Ser Ala Leu Ala Pro Cys Asp Met Tyr Asn Asp Ile Phe Asp Asp  
930 935 940

Phe Gly Ala Gly Ser Lys Pro Thr Ile Lys Ala Glu Gly Met Lys Thr  
945 950 955 960

Leu Pro Ser Met Asp Lys Asp Asp Val Lys Arg Ile Leu Asn Ala Lys  
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Lys Gly Val Thr Gln Asp Glu Tyr Ile Asn Ala Lys Leu Val Asp Gln  
980 985 990

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995 1000 1005

Glu Leu Gln Gln Thr Ala Ser Ile His Asn Ala Thr Ile Asp Ser  
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Ser Ile Tyr Gly Arg Pro Asp Ser Ile Ser Thr Asp Met Leu Pro  
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Tyr Leu Ser Asp Glu Leu Lys Lys Pro Pro Thr Ala Leu Leu Ser  
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Ala Asp Arg Leu Phe Met Glu Gln Glu Val His Pro Leu Arg Ser  
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Asn Ser Val Leu Val His Pro Gly Ala Gly Ala Ala Thr Asn Ser  
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Ser Met Leu Pro Glu Pro Asp Phe Glu Leu Ile Asn Ser Pro Ala  
1085 1090 1095

Arg Asn Val Ser Asn Asn Ser Asp Asn Val Ala Ile Ser Gly Asn  
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Pro Glu Thr Pro Arg Thr Pro Thr Lys Lys Glu Ser Ile Ser Ser  
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Ala Gly Ile Glu Pro Ile Pro Lys Ala Thr His Lys Pro Lys Lys  
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Gly Ile Ser Pro Ser Ser Gly Ser Glu His Gln Gln His Asn Pro  
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